

AMENDMENTS TO THE SPECIFICATION

Please amend the specification of the present application as set forth below. Changes to the specification are shown by strikethrough (for deleted matter) and underlining (for added matter).

Please replace paragraph No. 7 on page 2 with the following rewritten paragraph:

-- [0007] These various tools known to provide assisted statistical analysis often utilize commercially available statistical engines such as ~~[Minitab]~~ MINITAB. Information regarding ~~[Minitab]~~ MINITAB is readily available at, for example, <http://www.minitab.com> MINITAB'S website. --

Please replace paragraph No. 36 on pages 6 and 7 with the following rewritten paragraph:

-- [0036] Automated processing 150 includes element 104 to retrieve the tabular data entered by the user and to reformat the retrieved data as required for performing the identified analysis. In addition, element 104 may optionally record the reformatted data in a database or other persistent storage structures to permit more rapid retrieval of the reformatted data, thus obviating the need for subsequent reformatting if identical analysis is later requested. Element 106 represents processing ~~[appropriate]~~ to perform the desired statistical analysis requested by the user input at element 102. Details of exemplary statistical analysis are provided hereinbelow. Results of the desired statistical analysis of element 106 are then generated and formatted in tabular form, graphical form, or both by operation of element 108. Particular exemplary formats and presentations of

1 tabular results and/or graphical results are discussed further below. The generated results  
2 from element 108 are then presented to a user by operation of element 110. Presentation  
3 of textual or graphical output information to a user by operation of element 110 may be  
4 performed by presentation on a user display screen, printed output, generated speech  
5 output, or other output media appropriate to a particular desired application. --

6  
7 Please replace the abstract on page 42 with the following rewritten abstract. A  
8 clean copy of the rewritten abstract is also submitted herewith on a separate page.

9  
10 -- Methods and associated structure for flexible, easy-to-use, robust, statistical  
11 analysis of one or more factors associated with a continuous response outcome. A simple  
12 user interface provides a wide variety of statistical analysis derived from user provided  
13 data. The user provides data in a simple tabular format after which no further human  
14 intervention is required to manipulate the data. Data is automatically manipulated and  
15 transformed as required to perform the desired, selected statistical analysis. Reduction of  
16 human interaction in manipulating data to perform desired statistical analysis improves  
17 statistical analysis processes by reducing human errors introduced in [~~three~~] data  
18 manipulation and encouraging users to perform [~~ex~~] more thorough analysis because  
19 time-saving shortcuts are no longer required. --